

**MARYLAND HISTORICAL TRUST  
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes ☐  
no ☐

Property Name: Building 434 Inventory Number: HA-2109  
Address: Aberdeen Area City: Aberdeen Proving Ground Zip Code: 21005-5001  
County: Harford USGS Topographic Map: Spesutie  
Owner: U.S. Army Garrison, Aberdeen Proving Ground Is the property being evaluated a district? ☐ yes  
Tax Parcel Number: NA Tax Map Number: NA Tax Account ID Number: NA  
Installation Information Infrastructure Modernization  
Project: Program (I3MP) Agency: U. S. Army, Aberdeen Proving Ground  
Site visit by MHT Staff: XX no ☐ yes Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Is the property located within a historic district? ☐ yes XX no

*If the property is within a district*

District Inventory Number: \_\_\_\_\_

NR-listed district ☐ yes Eligible district ☐ yes District Name: \_\_\_\_\_

Preparer's Recommendation: Contributing resource ☐ yes ☐ no Non-contributing but eligible in another context ☐

*If the property is not within a district (or the property is a district)*

Preparer's Recommendation: Eligible ☐ yes XX no

Criteria: ☐ A ☐ B ☐ C ☐ D Considerations: ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G ☐ None  
Documentation on the property/district is presented in:

Description of Property and Eligibility Determination: *(Use continuation sheet if necessary and attach map and photo)*

This six-bay building stands two stories in height and originally served as a component of the Human Engineering Lab (HEL) upon its completion in 1956. The building was soon converted into a maintenance building in the Nike Missile program, but by 1965 was converted into a research support building. In 1981, it had its "obsolete" equipment removed and was noted as a "former aircraft hanger to be used for Heavy Equipment/Vehicle Design Fabrication Facility (Wheeled and Tracked)" (Aberdeen Proving Ground n.d.). The building measures 100 by 100 feet. Oriented to the northeast, the building has apparently undergone numerous periods of renovation and alteration. The six bays of the façade include a series of metal-frame windows with an operable awning section to the left and a flush panel steel door in the fifth bay. A metal-framed window with awning fills the right-hand or sixth bay. Similar windows define the upper level; however, the barrel shaped roof provides an upper story only in the center of the building. The principal method of construction is of concrete masonry units and a steel frame, although recent renovations added wooden furring strips and box-seam metal panels to the exterior of the building.

**MARYLAND HISTORICAL TRUST REVIEW**

Eligibility recommended ☐ Eligibility not recommended ☒  
Criteria: ☐ A ☐ B ☐ C ☐ D Considerations: ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G ☐ None  
Comments: \_\_\_\_\_

Jonathan Sages  
Reviewer, Office of Preservation Services  
Blum  
Reviewer, NR Program

5/15/08 Date  
5/1/08 Date

200800985

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NR-ELIGIBILITY REVIEW FORM**

Continuation Sheet No. 1

HA-2109

The installation of the windows appears contemporary to this modification as the frames are set within the frame portion of the wall structure. A second entry to the building is provided by a vestibule on the right, or northwest elevation. This gable-roofed portion of the building is sheathed in box seam metal panels and covered by an asphalt-shingle roof. A four-light door provides access to the vestibule. A large, roller-type, overhead door opens the rear wall of the building. The roof form is principally a barrel roof with shed-like wings at the eaves. The roof is covered with a built-up asphaltic coating and several cyclone ventilators line the ridge. A single stove pipe exits the roof near the vestibule of the right elevation. Major modifications to the building took place in 1991 with replacement windows and doors, and again in 1992 with the installation of metal siding. Due to operational security concerns, photography of the building was not allowed.

Building 434 was evaluated against National Register guidelines to determine if it retained those qualities of significance and integrity to merit further consideration for eligibility to the National Register. This building bears no direct association with important themes at Aberdeen Proving Ground (Criterion A); research did not reveal any associations with individuals important in Cold War history (Criterion B); and, the building does not possess the distinctive characteristics of a type, period or method of construction (Criterion C). Building 434 served as a support structure, secondary to the primary mission of Aberdeen Proving Ground in the Cold War Era. The building also underwent numerous periods of renovation compromising the integrity of materials, design, association, feeling, and workmanship. This structure does not possess the qualities of significance or integrity for listing in the National Register of Historic Places.

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& Associates, Inc.

Date Prepared: December 2006

SUSQUEHANNA  
NATIONAL WILDLIFE REFUGE  
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